

EXHIBIT 9

John M. MacDonald

Curriculum Vitae updated November 2018

CONTACT INFORMATION	Department of Criminology University of Pennsylvania Address Philadelphia/PA/19104	215-746-3623 johnmm@upenn.edu 483 McNeil Building, 3718 Locust Walk Citizenship: United States
DEGREES	1999 Ph.D. University of Maryland, Criminology 1996 M.A. University of Maryland, Criminology 1994 B.A. Vassar College, Political Science	
PROFESSIONAL EXPERIENCE	University of Pennsylvania 2015-2018 Professor of Criminology and Sociology 2015-2018 Penny and Robert Fox Faculty Director, Fels Institute of Government 2015-2018 Senior Fellow, Leonard Davis Institute of Health Economics 2010-2018 Graduate Group Demography 2011-2016 Chair, Department of Criminology 2010-2015 Associate Professor of Criminology and Sociology 2006-2010 Jerry Lee Assistant Professor of Criminology RAND Corporation 2004-2006 Behavioral Scientist University of Florida 2004-2004 Assistant Professor of Criminology, Law and Society University of South Carolina 1999-2003 Assistant Professor of Criminology and Criminal Justice US Department of Justice 1998-1999 Program Specialist, National Institute of Justice	
AWARDS	2016 Fellow, Academy of Experimental Criminology 2012 David Kershaw Award, Association of Public Policy Analysis and Management 2011 Young Experimental Scholar, Academy of Experimental Criminology	
BOOKS	2019 MacDonald, John, Charles Branas, and Robert J. Stokes. <i>Changing Place: Using Science to Design Safer and Healthier Cities</i> . Princeton University Press.	
EDITED BOOKS	2012 MacDonald, John, and Robert J. Sampson (Eds.). Immigration and the Changing Social Fabric of American Cities. <i>The ANNALS of the American Academy of Political and Social Science</i> . Vol. 641. 2011 MacDonald, John M. (Ed.) Measuring Crime and Criminality. <i>Advances in Criminological Theory</i> . Vol. 17. New Brunswick, NJ: Transaction Publishers. 2001 Alpert, Geoffrey P. and John M. MacDonald (Eds.) 2001. <i>Understanding Social Science Research: Applications in Criminology and Criminal Justice</i> . Prospect Heights, IL: Waveland Press.	
JOURNAL ARTICLES	2108 Moyer, Ruth, John M. MacDonald, Greg Ridgeway, and Charles C. Branas. Effect of Remediating Blighted Vacant Land on Shootings: A Citywide Cluster Randomized Trial. <i>American Journal of Public Health</i> . forthcoming. 2108 Ridgeway, Greg, Jeffrey Grogger, Ruth A. Moyer, and John M. MacDonald. Effect of Gang Injunctions on Crime: A study of Los Angeles from 1988-2014. <i>Journal of Quantitative Criminology</i> . https://doi.org/10.1007/s10940-018-9396-7 2018 South, Eugenia C., Bernadette C. Hohl, Michelle C. Kondo, John M. MacDonald, and Charles C. Branas. Effect of Greening Vacant Land on Mental Health of Community-Dwelling Adults: A Cluster Randomized Trial. <i>JAMA Network Open</i> 1(3): e180298-e180298.	

- 2018 MacDonald, John, Nancy Nicosia, and Ben Ukert. Do Schools Cause Crime in Neighborhoods? Evidence from the Opening of Schools in Philadelphia. *Journal of Quantitative Criminology* 34: 717-740.
- 2018 Branas, Charles C and South, Eugenia and Kondo, Michelle C and Hohl, Bernadette C and Bourgois, Philippe and Wiebe, Douglas J, and John M. MacDonald. Citywide Cluster Randomized Trial to Restore Blighted Vacant Land and its Effects on Violence, Crime, and Fear. *Proceedings of the National Academy of Sciences* 115 (12): 2946-2951.
- 2018 Kondo, Michelle C., Elena Andreyeva, Eugenia C. South, John M. MacDonald, and Charles C. Branas. Neighborhood Interventions to Reduce Violence. *Annual Review of Public Health* 39:253-271..
- 2018 MacDonald, John, and Anthony Braga. Did Post-Floyd et al. Reforms Reduce Racial Disparities in NYPD Stop, Question, and Frisk Practices? An Exploratory Analysis Using External and Internal Benchmarks. *Justice Quarterly*
- 2017 MacDonald, John, and Ellen A. Donnelly Evaluating the Role of Race in Sentencing: An Entropy Weighting Analysis. *Justice Quarterly* DOI: 10.1080/07418825.2017.1415368
- 2017 Ridgeway, Greg and John MacDonald. Effect of Rail Transit on Crime: A Study of Los Angeles from 1988-2014. *Journal of Quantitative Criminology* 33 (2): 277-291.
- 2017 Nicosia, Nancy, John MacDonald, and Rosalie Pacula. Does Mandatory Diversion to Drug Treatment Eliminate Racial Disparities in the Incarceration of Drug Offenders? An Examination of California's Proposition 36. *Journal of Quantitative Criminology* 33(1):179-205.
- 2017 Kondo, Michelle, SeungHoon Han, Geoffrey H. Donovan, and John M. MacDonald. The Association Between Urban Trees and Crime: Evidence from the Spread of the Emerald Ash Borer in Cincinnati. *Landscape and Urban Planning* 157: 193-199.
- 2016 Heaton, Paul, Pricilla Hunt, John MacDonald, and Jessica Saunders. The Short- and Long-Run Effects of Private Law Enforcement: Evidence from University Police. *Journal of Law and Economics*.
- 2016 Branas, Charles C., Michelle C. Kondo, Sean M. Murphy, Eugenia C. South, Daniel Polsky, and John M. MacDonald. Urban Blight Remediation as a Cost-Beneficial Solution to Firearm Violence. *American Journal of Public Health*: 106: 2158-2164.
- 2016 MacDonald John, Jefferey Fagan, and Amanda Geller. The Effects of Local Police Surges on Crime and Arrests in New York City. *PLoS ONE*: 11(6): e0157223.
- 2016 Han, Seunghoon, Charles Branas, and John MacDonald. The Effect of a Sunday Liquor Sales Ban Repeal on Crime: A Triple Difference Analysis. *Alcoholism: Clinical and Experimental Research* 40(5): 111-1121.
- 2016 Michael Chirico, Robert P Inman, Charles Loeffler, John MacDonald, and Holger Sieg. An Experimental Evaluation of Notification Strategies to Increase Property Tax Compliance: Free-Riding in the City of Brotherly Love. *Tax Policy and the Economy* 30(1):129-161.
- 2015 MacDonald, John, Jonathan Klick and Ben Grunwald. The Effect of Private Police on Crime: Evidence from a Geographic Regression Discontinuity Design. *Journal of Royal Statistical Society: Series A* 179(3): 831-846.
- 2015 MacDonald, John. Community Design and Crime: The Impact of Housing and the Built Environment. *Crime and Justice: An Annual Review of Research* 44: 333-384.
- 2015 Kondo Michelle C., D. Keene, BC Hohl, John M. MacDonald, Charles C. Branas. A Difference-In-Differences Study of the Effects of a New Abandoned Building Remediation Strategy on Safety. *PLoS ONE* 10(7): e0129582.
- 2014 MacDonald, John, Jeremy Arkes, Nancy Nicosia, and Rosalie Pacula. Decomposing Racial Disparities in Prison and Drug Treatment Commitments for Criminal Offenders in California. *Journal of Legal Studies* 43: 151-187.
- 2014 MacDonald, John, Ameilia Haviland, Rajeev Ramchand, Andrew R. Morral, and Alex Piquero. Linking Specialization and Seriousness in Criminal Careers. *Advances in Life Course Research* 20: 43-55.
- 2014 Ridgeway, Greg and John M. MacDonald. A Method for Internal Benchmarking of Criminal Justice System Performance. *Crime and Delinquency* 60: 145-162.
- 2013 Aaltonen, Mikko, John MacDonald, Pekka Martikainen, and Janne Kivivuori. Examining the Generality of the Unemployment-Crime Association. *Criminology* 51: 561-594.

- 2013 MacDonald, John, Robert Stokes, Ben Grunwald, and Ricky Bluthenthal. The Privatization of Public Safety in Urban Neighborhoods: Do Business Improvement Districts Reduce Violent Crime Among Adolescents? *Law and Society Review* 47: 621-652.
- 2013 Nicosia, Nancy, John M. MacDonald, and Jeremy Arkes. Disparities in Criminal Court Referrals to Drug Treatment and Prison for Minority Men. *American Journal of Public Health* 103: e77-e84.
- 2013 Anderson, James, John MacDonald, Ricky Bluthenthal, and Scott Ashwood. Reducing Crime by Shaping the Built Environment with Zoning: An Empirical Study of Los Angeles. *University of Pennsylvania Law Review* 161: 699-756.
- 2013 MacDonald, John M., John Hipp, and Charlotte Gill. The Effects of Immigrant Concentration on Changes in Neighborhood Crime Rates. *Journal of Quantitative Criminology*. 29:191-215.
- 2012 MacDonald, John M., and Jessica Saunders. Are Immigrants Less Violent? Specifying the Reasons and Mechanisms. *The ANNALS of the American Academy of Political and Social Science* 641: 125-147.
- 2011 Branas, Charles, Rose Cheney, John M. MacDonald, Vicky Tam, Tara Jackson, and Thomas Ten Have. A Difference-in-Differences Analysis of Health, Safety, and Greening Vacant Urban Space. *American Journal of Epidemiology* 174: 1296-306
- 2011 Cook, Philip J., and John MacDonald. Public Safety through Private Action: An Economic Assessment of BIDs. *Economic Journal* 121: 445-462.
- 2010 MacDonald, John M., Robert Stokes, Deborah Cohen, Aaron Kofner, and Greg Ridgeway. The Effect of Light Rail Transit on Body Mass Index and Physical Activity. *American Journal of Preventive Medicine* 39: 105-112.
- 2010 MacDonald, John M., Daniela Golinelli, Robert Stokes, and Ricky Bluthenthal. The Effect of Business Improvement Districts on the Incidence of Violent Crimes. *Injury Prevention* 16: 327-332.
- 2010 Berk, Richard, and John M. MacDonald. Policing the Homeless: An Evaluation of Efforts to Reduce Homeless-Related Crime. *Criminology and Public Policy* 9: 813-840.
- 2010 MacDonald, John M., Robert Stokes, and Ricky Bluthenthal. The Role of Community Context in Business District Revitalization Strategies: Business Improvement Districts in Los Angeles. *Public Performance and Management Review* 33: 436-458.
- 2010 Wilson, Jeremy M., John M. MacDonald, and George Tita. Localized Homicide Patterns and Prevention Strategies: A Comparison of Five Project Safe Neighborhood Sites. *Victims and Offenders* 5:45-63.
- 2009 MacDonald, John M., Robert Kaminski, and Mike Smith. The Effect of Less-lethal Weapons on Injuries in Police Use of Force Events. *American Journal of Public Health* 99: 2268-2274.
- 2009 Berk, Richard, and John M. MacDonald. The Dynamics of Crime Regimes. *Criminology* 47: 971-1008.
- 2009 Ridgeway, Greg, and John M. MacDonald. Doubly Robust Internal Benchmarking and False Discovery Rates for Detecting Racial Bias in Police Stops. *Journal of the American Statistical Association* 104: 661-668.
- 2009 Ramchand, Rajeev, John M. MacDonald, Amelia Haviland, and Andrew Morral. A Developmental Approach for Measuring the Severity of Crimes. *Journal of Quantitative Criminology* 26: 129-153.
- 2009 MacDonald, John M., Amelia Haviland, and Andrew Morral. Assessing the Relationship between Violent and Nonviolent Criminal Activity among Serious Adolescent Offenders. *Journal of Research in Crime and Delinquency* 46: 553-580.
- 2008 Berk, Richard, and John M. MacDonald. Overdispersion and Poisson Regression. *Journal of Quantitative Criminology* 24: 269-284.
- 2008 McCall, Patricia L., Karen F. Parker, and John M. MacDonald. The Dynamic Relationship between Homicide Rates and Social, Economic, and Political Factors and Homicide from 1970 to 2000. *Social Science Research* 37: 721-735.
- 2008 Stokes, Robert J., John M. MacDonald, and Greg Ridgeway. Estimating the Effects of Light Rail Transit on Health Care Costs. *Health and Place* 14: 45-58.
- 2007 MacDonald, John M., Robert Stokes, Greg Ridgeway, and K.J. Riley. Race, Neighborhood

- Context, and Perceptions of Injustice by the Police in Cincinnati. *Urban Studies* 44: 2567-2585.
- 2007 Gover, Angela R., Eve M. Brank, and John M. MacDonald. A Specialized Domestic Violence Court in South Carolina: An Example of Procedural Justice for Victims and Defendants. *Violence Against Women* 13: 603-626.
- 2007 Strom, Kevin J., and John M. MacDonald. The Influence of Social and Economic Disadvantage in Youth Homicide over Time. *Homicide Studies* 11: 50-69.
- 2007 MacDonald, John M., Andrew Morral, Barbara Raymond, and Christine Eibner. The Efficacy of the Rio Hondo DUI Court: A 2-Year Field Experiment. *Evaluation Review* 31: 4-23.
- 2006 Eibner, Christine, Andrew R. Morral, Rosalie L. Pacula, and John M. MacDonald. Is the Drug Court Model Exportable? An Examination of the Cost-Effectiveness of a Los Angeles Based DUI court. *Journal of Substance Abuse Treatment* 31: 75-85.
- 2006 Chappell, Allison, John M. MacDonald, and Patrick Manz. The Organizational Determinants of Police Arrest Decisions. *Crime and Delinquency* 52: 287-306.
- 2006 MacDonald, John M., and Robert Stokes. Race, Social Capital, and Trust in the Police. *Urban Affairs Review* 41: 358-375.
- 2005 Parker, Karen F., John M. MacDonald, Wesley G. Jennings, and Geoffrey P. Alpert. Racial Threat, Urban Conditions, and Police Use of Force: Assessing the Direct and Indirect Linkages Across Multiple Urban Areas. *Justice Research and Policy* 7: 53-80.
- 2005 MacDonald, John M., Alex R. Piquero, Robert Valois, and Keith Zullig. The Relationship Between Life Satisfaction and Violent Behaviors Among Youth. *Journal of Interpersonal Violence* 20: 1495-1518.
- 2005 Alpert, Geoffrey, John M. MacDonald, and Roger Dunham. Police Suspicion and Discretionary Decision Making During Citizen Stops. *Criminology* 43: 407-434.
- 2005 MacDonald, John M., and Angela R. Gover. Concentrated Disadvantage and Youth-on-Youth Homicide. *Homicide Studies* 9: 30-54.
- 2005 Piquero, Alex R., John M. MacDonald, Adam Dobrin, Leah Daigle, and Francis Cullen. The Relationship Between Violent Offending and Death by Homicide: A Test of the General Theory of Crime. *Journal of Quantitative Criminology* 21: 55-71.
- 2005 Piquero, Nicole, Angela R. Gover, John M. MacDonald, and Alex R. Piquero. The Influence of Delinquent Peers on Delinquency: Does Gender Matter? *Youth and Society* 36: 251-272.
- 2004 Alpert, Geoffrey P., Roger G. Dunham, and John M. MacDonald. Interactive Police-Citizen Encounters that Result in Force. *Police Quarterly* 7: 475-488.
- 2004 Parker, Karen F., John M. MacDonald, Geoffrey P. Alpert, Michael R. Smith, and Alex Piquero. "A Contextual Study of Racial Profiling: Assessing the Theoretical Rationale for the Study of Racial Profiling at the Local Level. *American Behavioral Scientist* 47: 943-962.
- 2004 Lattimore, Pamela K., John M. MacDonald, Alex R. Piquero, Richard L. Linster, and Christy A. Visser. Studying Characteristics of Arrest Frequency among Paroled Youthful Offenders. *Journal of Research in Crime and Delinquency* 41: 37-57.
- 2003 Gover, Angela R., John M. MacDonald, and Geoffrey P. Alpert. Combating Domestic Violence: Findings from an Evaluation of a Local Domestic Violence Court. *Criminology and Public Policy* 3: 109-132.
- 2003 MacDonald, John M. The Effect of Ethnicity on Juvenile Court Outcomes in Hawaii. *Youth and Society* 35: 243-263.
- 2003 MacDonald, John M., Patrick W. Manz, Geoffrey P. Alpert, Roger G. Dunham. Police Use of Force: Examining the Relationship between Calls for Service and the Balance of Police Force and Suspect Resistance. *Journal of Criminal Justice* 31: 119-127.
- 2002 MacDonald, John M. The Effectiveness of Community Policing in Reducing Urban Violence. *Crime and Delinquency* 48: 592-618.
- 2002 Valois, Robert F., John M. MacDonald, Lena Bretous, Megan A. Fischer, J. Wanzer Drane. Risk Factors and Behaviors Associated with Adolescent Violence and Aggression. *American Journal of Health Behavior* 26: 454-464.
- 2002 Piquero, Alex R., John M. MacDonald, and Karen F. Parker. Race, Local Life Circumstances, and Criminal Activity. *Social Science Quarterly* 83: 254-270.
- 2001 MacDonald, John M. Analytic Methods for Examining Race and Ethnic Disparity in the Juvenile Courts. *Journal of Criminal Justice* 29: 507-519.

- 2001 MacDonald, John M. and Karen F. Parker. The Structural Determinants of Justifiable Homicide: Assessing the Theoretical and Political Considerations. *Homicide Studies* 5: 187-205.
- 2001 Alpert, Geoffrey P. and John M. MacDonald. Police Use of Force: An Analysis of Organizational Characteristics. *Justice Quarterly* 18: 393-409.
- 2001 MacDonald, John M. and Meda Chesney-Lind. Gender Bias and Juvenile Justice Revisited: A Multi-year Analysis. *Crime and Delinquency* 47: 173-195.
- 2001 MacDonald, John M., Robert J. Kaminski, Geoffrey P. Alpert, and Abraham N. Tennenbaum. The Temporal Relationship between Police Killings of Civilians and Criminal Homicide: A Refined Version of the Danger-Perception Theory. *Crime and Delinquency* 47: 155-172.
- 1999 MacDonald, John M. and Abraham N. Tennenbaum. Justifiable Homicide by Civilians. Pp. 463-491. *Advances in Criminological Theory* 8: 463-491.
- 1999 MacDonald, John M., Geoffrey P. Alpert, and Abraham N. Tennenbaum. Justifiable Homicide by Police and Criminal Homicide: A Research Note. *Journal of Crime and Justice* 22: 153-166.
- 1999 MacDonald, John M. Violence and Drug Use in Juvenile Institutions. *Journal of Criminal Justice* 27: 33-44.
- 1998 MacDonald, John M. and Geoffrey P. Alpert. Public Attitudes Toward Police Pursuit Driving. *Journal of Criminal Justice* 26: 185-194.
- 1997 MacDonald, John M. Institutional Responses to Juvenile Misconduct. *Criminal Justice Policy Review* 8: 247-268.
- 1997 Lattimore, Pamela K., Richard L. Linster, and John M. MacDonald. Risk of Death among Serious Young Offenders. *Journal of Research in Crime and Delinquency* 34: 187-209.

BOOK CHAPTERS

- 2013 Grunwald, Ben, and John MacDonald. Propensity Score Matching. *Encyclopedia of Criminology and Criminal Justice*. (Eds. G. Bruinsma and D. Weisburd). NY: Springer.
- 2013 Fagan, Jeffrey and John MacDonald. Policing, Crime and Legitimacy in New York and Los Angeles: The Social and Political Contexts of Two Historic Crime Declines. *New York and Los Angeles: The Uncertain Future*. (Eds. D. Halle and A. A. Beveridge). Oxford University Press: New York, NY.
- 2012 Klick, Jonathan, John MacDonald, and Thomas Stratmann. Mobile Phones and Crime Deterrence: An Under-appreciated Link? *Research Handbook on the Economics of Criminal Law*. (Eds. A. Harel and K. Hylton). UK: Edward Elgar.
- 2012 MacDonald, John and Robert J. Sampson. The World in a City: Immigration and America's Changing Social Fabric. *The ANNALS of the American Academy of Political and Social Science* 641: 6-15.
- 2011 MacDonald, John M., Andrew Morral, and Alex R. Piquero. Socially Desirable Response Bias in Criminology: An Example of Its Effect in Testing the Effects of Self-Control. *Advances in Criminological Theory* 17: 21-36.
- 2011 Cook, Philip J., and John MacDonald. Limiting Criminal Opportunities. In *Controlling Crime: Strategies and Tradeoffs*. (Eds. P. Cook, J. Ludwig, and J. McCrary). Chicago: University of Chicago Press.
- 2009 Ridgeway, Greg and John M. MacDonald. Methods for Assessing Racially Biased Policing. In *Race, Ethnicity and Policing*. (Eds. Rice and White). NY: New York University Press.
- 2009 MacDonald, John M., and Pamela K. Lattimore. Count Models in Criminology. In *The Handbook of Quantitative Criminology*. (Eds. A. Piquero and D. Weisburd). NY: New York: Springer.
- 2004 MacDonald, John M. National Institute of Justice. *Encyclopedia of Criminology*. Chicago, IL: Fitzroy Dearborn Publishers.

TECHNICAL
REPORTS

- 2009 MacDonald, John, Ricky Bluthenthal, Daniela Golinelli, Aaron Kofner, Robert Stokes, Amber Sehgal, Terry Fain, and Leo Beletsky. *Neighborhood Effects on Crime and Youth Violence: The Role of Business Improvement Districts in Los Angeles*. Santa Monica, CA: RAND Corporation.
- 2007 Turner, Susan, Terry Fain, John MacDonald, and Amber Sehgal. *Los Angeles County*

Juvenile Justice Crime Prevention Act: Fiscal Year 2004-2005 Report. Santa Monica, CA: RAND Corporation.

2006 LaTourrette, Tom, David R. Howell, David E. Mosher, and John MacDonald. *Reducing Terrorism Risk at Shopping Centers: An Analysis of Potential Security Options*. Santa Monica, CA: RAND Corporation.

2005 Riley, K. Jack, Susan Turner, John MacDonald, Greg Ridgeway, Terry Schell, Jeremy Wilson, Travis L. Dixon, Terry Fain, Dionne Barnes-Proby, and Brent Fulton. *Police-Community Relations in Cincinnati*. Santa Monica, CA: RAND Corporation.

PRACTITIONER JOURNALS

2011 Alpert, Geoffrey P., Michael R. Smith, Robert J. Kaminski, Lorie A. Fridell, John MacDonald, and Bruce Kubu. Police Use of Force, Tasers and Other Less-Lethal Weapons. *National Institute of Justice, Research in Brief*, NCJ 232215, May.

2011 MacDonald, John M., Geoffrey P. Alpert, and Angela R. Gover. The Use of Helicopters in Policing: Necessity or Waste? *Police Forum*, April, 8: 9-14.

GRANT REPORTS

2010 Smith, Michael R., Robert J. Kaminski, Geoffrey P. Alpert, Ph.D., Lorie A. Fridell, John MacDonald, and Bruce Kubu. Multi-Method Evaluation of Police Use of Force Outcomes. The National Institute of Justice, U.S. Department of Justice, NCJ 231176.

2004 Alpert, Geoff P., Roger G. Dunham, Meghan Stroshine, Katherine Bennett, and John M. MacDonald. Police Officers' Decision Making and Discretion: Forming Suspicion and Making a Stop. The National Institute of Justice, U.S. Department of Justice 2001-IJ-CX-0035.

2003 Gover, Angela R., John M. MacDonald, Geoffrey P. Alpert, and Erick J. Geary. The Lexington County Domestic Violence Court: A Partnership and Evaluation. The National Institute of Justice, U.S. Department of Justice 2000-WT-VX-0015.

2001 MacDonald, John. The Effect of Community Policing on Urban Violence. The Bureau of Justice Statistics, U.S. Department of Justice.

1997 Alpert, Geoffrey P. and John M. MacDonald. Helicopters and Their Use in Police Pursuit. The National Institute of Justice, U.S. Department of Justice 93-IJ-CX-0061.

OPINION EDITORIALS

2012 Don't Shut the Golden Door. (with R.J Sampson) *New York Times*, June, 20.

2009 Crime Prevention Can Help the City's Economy. *Philadelphia Inquirer*, February 19.

2006 Cities Should Enlist Business in Their Battle Against Crime. (with R. Stokes). *Los Angeles Business Journal*, July 3.

GRANTS AND CONTRACTS

2016-2021 A Randomized Trial of Abandoned Housing Remediation, Substance Abuse and Violence. Co-PI. NIH/National Institute on Alcohol Abuse and Alcoholism (NIAA), \$670,667.

2016 Evaluating the Role of Race in Criminal Justice Adjudications in Delaware. P.I. State of Delaware Administrative Office of the Courts, \$68,294.

2015-2016 Replication of the Cardiff Violence Prevention Model in the United States. Co-P.I. Robert Wood Johnson Foundation (prime: National Foundation for the Centers for Disease Control and Prevention Inc.), \$213,572.

2014-2019 Penn Injury Science Center. Urban Vacant Lot Stabilization and Violence Trial. P.I. Centers for Disease Control and Prevention (CDC), \$143,000.

2009-2013 School Environment as a Mechanism to Reduce Youth Violence and Victimization. Co-P.I. (N. Nicosia P.I.) Centers for Disease Control and Prevention (CDC), \$1,621,879.

2009-2012 Understanding the Effects of Land-Use Regulation on the Built Environment and Crime. Co-Principal Investigator (J. Anderson P.I.). The Robert Wood Johnson Foundation, \$386,349.

2008-2011 The Role of Race in Criminal Justice Referrals to Treatment. Co-P.I. (N. Nicosia P.I.) NIH/National Institute on Drug Abuse (NIDA), \$783,796.

2005-2009 The Impact of Business Improvement Districts on Youth Violence. P.I. w/R. Bluthenthal. Centers for Disease Control and Prevention (CDC), \$2,287,952.

2005-2008 Treatment Effects on Desistance From Youth Violence. P.I. w/ A. Morral. Centers for Disease Control and Prevention (CDC), \$734,314.

2005-2007 Impact of Light Rail on Physical Activity and BMI. Principal Investigator. NIH/National Institute of Environmental Health Sciences (NIEHS), \$527,987.

2004-2008 Police-Community Relations in Cincinnati. Investigator (K.J. Riley P.I.). City of Cincinnati, \$523,664.

2004-2009 Project Safe Neighborhoods (Los Angeles, CA). Investigator (K.J. Riley P.I.). National Institute of Justice (NIJ), US Department of Justice, \$300,000.

2001-2003 Assessing Police Officer Decision Making and Discretion. Investigator (G. Alpert P.I.). National Institute of Justice (NIJ), US Department of Justice, \$247,877.

2000-2003 Investigating Racial Profiling in the Miami-Dade Police Department. Investigator (G. Alpert P.I.). Miami-Dade County, \$250,000.

2000-2002 The Lexington County Domestic Violence Court: A Partnership and Evaluation. Co-P.I. (G. Alpert P.I.). National Institute of Justice (NIJ), US Department of Justice, \$221,478.

2000-2001 The Effect of Community Policing on Urban Violence. P.I. American Statistical Association, Committee on Law and Justice, \$21,271.

CONFERENCES AND INVITED TALKS

2018 Changing Place: Using Science to Design Safer and Healthier Cities. Ellis MacDougall Lecture, University of South Carolina, April 19.

2018 The Effects of Local Police Surges on Crime and Arrests in New York City. Dean's Distinguished Lecture Series, University of Texas-San Antonio, College of Public Policy, February 6.

2017 Does Closing Schools Affect Neighborhood Crime? Evidence from Philadelphia (with M. Steinberg and B. Ukert). Association for Public Policy Analysis and Management. Chicago, IL, November 2.

2017 Changing Place: Using Science to Design Safer and Healthier Cities. Department of Sociology, University of Colorado, Boulder.

2016 The Long Term Effect of Civil Gang Injunctions on Crime in Los Angeles (with G. Ridgeway, R. Moyer, and J. Grogger). American Society of Criminology. New Orleans, LA, November 19.

2016 Private in the Public's Interest? The Case of Business Improvement Districts in New York City (with R. Meltzer, S Han, P.J. Cook, and Ingrid Ellen). American Society of Criminology. New Orleans, LA, November 19.

2016 Racial Bias in Police Searches: Using Shifts in Manpower to Test for Racial Profiling (with G. Ridgeway and J. Fagan). American Society of Criminology. New Orleans, LA, November 18.

2016 Private in the Public's Interest? The Case of Business Improvement Districts in New York City (with R. Meltzer, S Han, P.J. Cook, and Ingrid Ellen). Association for Public Policy Analysis and Management. Washington, DC, November 3.

2016 Changing Places: Using Science to Design Safer Cities. Jerry Lee Lecture. Stockholm Symposium. Stockholm, Sweden, June 16.

2015 The Direct and Indirect Effects of Closing Schools on Students Educational Settings: Evidence from Two Rounds of School Closures in Philadelphia (with M. Steinberg and J. Scull). Association for Public Policy Analysis and Management. Miami, FL, November 14.

2015 Transit Systems and Their Effect on Crime in Communities (with G. Ridgeway). Association of Public Policy Analysis and Management. Miami, FL, November 14.

2015 The Effects of Local Police Surges on Crime and Arrests in New York City (with J. Fagan and A. Geller). National Bureau of Economic Research Summer Institute. Cambridge, MA, July 24.

2014 Order Maintenance in Crime Hot Spots: The Effects of Local Police Surges on Stops and Crime in New York City (with J. Fagan). American Society of Criminology meetings, San Francisco, CA, November 20.

2014 The Impact of Private Policing on Crime (with P. Hunt, P. Heaton, and J. Saunders). American Society of Criminology meetings, San Francisco, CA, November 20.

2014 Place-based Approaches to Reducing Crime and Improving Health. University of Texas El Paso. Center for Law and Human Behavior, El Paso, TX, November 6.

2014 MacDonald, John M. Place-based Approaches to Reducing Crime and Improving Health. Symposium 23: Public Health Law and Behavior Change: Improving Population Health through

- Policy. Society for Behavioral Medicine, Philadelphia, PA, April 25.
- 2013 MacDonald, John M. (with M. Ruther). Analyzing Spatial Interactions in Homicide Research Using a Spatial Durbin Model. American Society of Criminology meetings, Atlanta, GA, November 20.
- 2013 MacDonald, John M. (with N. Nicosia). Charter School Legislation and Crime Rates in Philadelphia Neighborhoods. Association for Public Policy Analysis and Management meetings, Washington, DC, November 7.
- 2013 MacDonald, John M. (with A. Vivolo-Kantor, N. Nicosia, K. Holland, and J. Matjasko). Do State Bullying Laws Impact Youth Violence Rates? Association for Public Policy Analysis and Management meetings, Washington, DC, November 7.
- 2013 MacDonald, John M. Place-Based Approaches to Reducing Crime and Improving Health. University of Southern California. Price School of Public Policy, February 19.
- 2012 MacDonald, John M. (with J. Saunders). Are Immigrant Youth Less Violent? Specifying the Reasons and Mechanisms. American Society of Criminology meetings, Chicago, IL, November 15.
- 2012 MacDonald, John M. (with J. Fagan). The Effect of Hot Spots Policing in NYC on Crime and Racial Disparities in Stop Outcomes. American Society of Criminology meetings, Chicago, IL, November 16.
- 2012 MacDonald, John M. (with B. Grunwald). Using Spatial and Temporal Discontinuities to Evaluate the Effect of Police Strength on Crime. American Society of Criminology meetings, Chicago, IL, November 16.
- 2012 MacDonald, John M. Place-Based Approaches to Reducing Crime and Improving Health. Kershaw Award Lecture. Association for Public Policy Analysis and Management meetings, Baltimore, MD, November 8.
- 2012 MacDonald, John M. (with N. Nicosia). Do School Environments Influence Crime and Substance Abuse? Association for Public Policy Analysis and Management meetings, Baltimore, MD, November 8.
- 2012 MacDonald, John M. Reducing Crime by Shaping the Built Environment with Zoning. Public Health Law Conference: American Society of Law, Medicine, and Ethics, Atlanta, GA, October 10.
- 2012 MacDonald, John M. MacDonald, John. (with N. Nicosia and R. Pacula). Do Efforts to Divert Drug Offenders from Incarceration Influence Racial Disparities in Criminal Dispositions? American Society of Health and Economists meetings, Minneapolis, MN, June 11.
- 2012 MacDonald, John M. (with N. Nicosia and H. Harris). Do School Environments Influence Substance Use and Other Risky Behaviors? American Society of Health and Economists meetings, Minneapolis, MN, June 12.
- 2012 MacDonald, John M. (with N. Nicosia and R. Pacula). Does Mandatory Diversion to Drug Treatment Eliminate Racial Disparities in the Incarceration of Drug Offenders? National Bureau of Economic Research Summer Institute. Economics of Crime Working Group. Cambridge, MA: July.
- 2012 MacDonald, John M. A Panel Discussion of Stephanos Bibas's The Machinery of Criminal Justice. Princeton University, the James Madison Program in American Ideals and Institutions.
- 2012 MacDonald, John M. The Effect of Private Action on Crime Prevention: An Economic Assessment of Business Improvement Districts. Temple University, February 10.
- 2011 MacDonald, John M. What do we know about violence and how it affects the lives of parents and children? Robert Wood Johnson Foundation: Thought Leaders Forum. Atlanta, GA, September.
- 2011 MacDonald, John M. (with P. Cook and S. Han). The Role of Business Improvement Districts in New York City's Crime Drop. Association for Public Policy Analysis and Management meetings, Washington, DC, November, 3.
- 2011 MacDonald, John (with N. Nicosia and H. Harris). The Effect of School Environments on Violence and Risky Behaviors: Evidence from the Timing of Charter School Implementation. Association for Public Policy Analysis and Management meetings, Washington, DC, November.
- 2011 MacDonald, John (with N. Nicosia and H. Harris). The Effect of School Environments on Violence and Risky Behaviors: Evidence from the Timing of Charter School Implementation.

- American Society of Criminology meetings, Washington, DC, November 18.
- 2011 MacDonald, John (with D. Golinelli and R. Bluthenthal). Mortality Effects of Economic Development via Business Improvement Districts. American Society of Criminology meetings, Washington, DC, November 18.
- 2011 MacDonald, John (with J. Fagan). Order Maintenance in Hot Spots: The Effects of Local Police Surges on Crime in New York. American Society of Criminology meetings, Washington, DC, November 18.
- 2011 MacDonald, John M. (Discussant) Assimilation of Immigrants and Incarceration, 1900-1930, by C. Moehling and A. Piehl. National Bureau of Economic Research Summer Institute. Economics of Crime Working Group. Cambridge, MA: July 29.
- 2011 MacDonald, John (with Nicosia Nancy and Rosalie Pacula). Do Efforts to Divert Drug Offenders from Incarceration Influence Racial Disparities in Criminal Court Dispositions? Evidence from Prop 36. The International Society for the Study of Drug Policy (ISSDP) Annual Meeting, Utrecht Netherlands, May.
- 2011 MacDonald, John (with Jeremy Arkes, Nancy Nicosia, and Rosalie Pacula). Decomposing Racial/Ethnic Disparities in Adjudicating Drug Offenses in California. International Society for the Study of Drug Policy (ISSDP) Annual Meeting, Utrecht Netherlands, May.
- 2010 MacDonald, John. The Effect of Policies to Divert Drug Offenders from Incarceration on Racial Disparities in Criminal Justice Adjudications. University of South Florida, December 3.
- 2010 MacDonald, John (with P. Cook). Mobilizing Private Inputs for Crime Prevention. National Bureau of Economic Research Conference on Making Crime Control Pay: Cost-Effective Alternatives to Incarceration. University of California, Berkeley's School of Law. Berkeley, CA: January 16.
- 2010 MacDonald, John (with R. Bluthenthal). The Impact of Business Improvement Districts (BIDs) ?on Youth Violence and Community-Level Change. Centers for Disease Control and Prevention. Atlanta, GA: January 19.
- 2010 MacDonald, John. The Effect of Policies to Divert Drug Offenders from Incarceration on Racial Disparities in Criminal Justice Adjudications. NIH: Health Disparities in Boys and Men. Washington, DC: November 2.
- 2010 MacDonald, John (with R., Bluthenthal, R. Stokes, and B. Grunwald). Family and neighborhood effects on youth violence: Does community economic development increase adolescent well-being? Presidential Plenary session (peer reviewed). American Society of Criminology meetings, San Francisco, CA, November, 17.
- 2010 MacDonald, John (with N. Nicosia). The Effect of Policies to Divert Drug Offenders from Incarceration on Racial Disparities in Criminal Justice Adjudications. Health Disparities in Boys and Men conference, National Institute on Drug Abuse, National Institutes of Health, Washington, DC, November 2.
- 2009 MacDonald, John (with R. Stokes and D. Cohen). Impact of Light Rail Transit on Physical Activity. 137th Annual Meeting of the American Public Health Association, Philadelphia, PA, November.
- 2009 MacDonald, John (with J. Saunders). Immigrant Households Protect Youth from Violence. American Society of Criminology meetings, Philadelphia, PA, November.
- 2009 MacDonald, John. Family and Neighborhood Effects on Youth Violence: Immigration as a Protective Factor. University of South Carolina, February 13.
- 2009 MacDonald, John. Effect of Business Improvement Districts (BIDs) on Violent Crime in Los Angeles. Congressional Briefing, February 3.
- 2008 MacDonald, John (with J. Hipp and C. Gill). Immigrant Succession, Neighborhood Composition, and the Crime Drop in Los Angeles. American Society of Criminology meetings, St. Louis, MO, November.
- 2008 MacDonald, John (with R. Kaminski, and M.R. Smith). Assessing the Effects of Conducted Energy Devices and Other Types of Force on Officer and Suspect Injury. American Society of Criminology, St. Louis, November.
- 2008 MacDonald, John. The Dynamics of Crime Regimes.(with R. Berk) Temple University, February.
- 2008 MacDonald, John. The Dynamics of Crime Regimes.(with R. Berk) University of Maryland,

April.

2008 MacDonald, John. Do Neighborhood Environments Explain Why Whites and Blacks Hold Different Views of the Police? Rutgers University, April 3.

2008 MacDonald, John (with R. Bluthenthal, D. Golinelli, A. Kofner, and R. Stokes). The Impact of Business Improvement Districts on Neighborhood-level Youth Violence. (poster session) Association for Public Policy Analysis and Management meetings, Los Angeles, CA, November.

2008 MacDonald John (with R. Stokes, R. Bluthenthal, and D. Golinelli). A Mixed Method Approach to Studying the Relationship between Business Improvement Districts and Youth Violence. 136th Annual Meeting of the American Public Health Association, San Diego, CA, October.

2008 MacDonald, John (with R. Ramchand, A. Haviland, and A. Morral). Developmental Approach for Measuring the Seriousness of Crimes. American Sociological Association meetings, session on Measuring Crime, Boston, MA, 2008.

2008 MacDonald, John (with J. Hipp and C. Gill). Neighborhood Effects of Immigrant Succession on Crime: Did Immigrants Cause the Crime Drop in Los Angeles. Annual Workshop on Crime and Population Dynamics, Baltimore, MD.

2007 MacDonald, John (with R. Bluthenthal and D. Golinelli). The Effects of Business Improvement Districts on Community Violence. American Society of Criminology meetings, Atlanta, GA, 2007.

2006 MacDonald, John M. (with G. Ridgeway et al.). Race and Perceptions of Injustice by the Police: Modeling the Counterfactual. American Society of Criminology meetings, Los Angeles, CA.

2006 MacDonald, John. How Can Residents Create Safer Communities? Los Angeles Neighborhood Initiative Annual Community Forum, May 17.

2005 MacDonald, John. Race, Suspicion, and Police Decision Making. University of Pennsylvania, October 25.

2006 MacDonald, John M. (with A. Haviland, A. Morral, and D. Nagin). The Pathways to Violent and Nonviolent Criminal Activity Among RAND's Adolescent Outcomes Project. American Society of Criminology meetings, Los Angeles, CA.

2005 MacDonald, John M. Evaluating Police-Community Relations. 14th World Congress of Criminology meetings, Philadelphia, PA.

2004 MacDonald, John M. (with A. Chappell). Varieties of Police Management and Their Impact on Police Officer Behavior. American Society of Criminology meetings, Nashville, TN.

2004 MacDonald, John M. (with P. McCall and K.F. Parker). The Rise and Decline in Crime: Assessing the Changing Nature of Crime from 1950 to 2000. American Society of Criminology meetings, Nashville, TN.

2004 MacDonald, John M. Homeland Security: Infrastructure Research Needs. Bureau of Justice Statistics/Justice Research and Statistics Association national conference, Seattle, WA.

2004 MacDonald, John M. (with R. Stokes) Social Capital and the Police: A Study of Prospects and Contradictions. Urban Affairs Association meetings, Washington, DC.

2004 MacDonald, John M. (with A. Gover and R. Valois) Gender, Gang Membership, and Violent Victimization. Academy of Criminal Justice Sciences meetings, Las Vegas, NV

2003 MacDonald, John M. (with K. Strom) Concentrated Disadvantage: The Influence of Social and Economic Change on the Epidemic of Youth Violence. American Society of Criminology meetings, Denver, CO.

2003 MacDonald, John M. Combating Domestic Violence in Rural Areas: Findings from an Evaluation of a Local Domestic Violence Court. Bureau of Justice Statistics/Justice Research and Statistics Association national conference, San Francisco, CA.

2003 MacDonald, John M. (with N. Piquero, A. Gover, and A. Piquero). Exploring the Role of Peer Delinquency for Onset and Persistence: The Case of Gender. Academy of Criminal Justice Sciences meetings, Boston, MA.

2002 MacDonald, John M. (with A. Gover and G. P. Alpert). Process and Outcome Evaluation of a Rural Domestic Violence Court. American Society of Criminology meetings, Chicago, IL.

2002 MacDonald, John M. (with A. Piquero and L. Daigle). On the Relationship Between Violent Death and Recidivism. American Society of Criminology meetings, Chicago, IL.

2002 MacDonald, John M. (with G. Alpert, R. Dunham, and K. Bennett). Assessing Police

- Officers Decision Making. American Society of Criminology meetings, Chicago, IL.
- 2002 MacDonald, John M. (with A. Gover). Youth-on-Youth Homicide: Assessing the Ecological Influences Across Time. American Sociological Association meetings, section on Crime, Law, and Deviance, Chicago, IL.
- 2002 MacDonald, John M. (with K. F. Parker, G. Alpert, A. Piquero, and M. Smith). Racial Profiling in Context: Pursuing a Theoretical Rationale for Studying Racial Profiling at the Local Level. Southern Sociological Society meetings, Baltimore, MD.
- 2002 MacDonald, John M. (with A. Gover). The Structural Context of Youth-on-Youth Homicide: Assessing the Influences Over Time. Southern Sociological Society meetings, Baltimore, MD.
- 2001 MacDonald, John M. Police Killings of Civilians: Does Community Policing Make a Difference? American Society of Criminology meetings, Atlanta, GA.
- 2001 MacDonald, John M. (with K.F. Parker and G. Alpert). Social Inequality and Police Use of Force. American Sociological Association meetings, section on Crime, Law, and Deviance, Anaheim, CA.
- 2001 MacDonald, John M. (with A. Piquero). Do Informal Social Bonds Mediate the Effect of Race on Criminal Behavior over the Life-Course? American Sociological Association meetings, section on Crime, Law, and Deviance, Anaheim, CA.
- 2001 MacDonald, John, M. (with G. Alpert). The Effect of Community Policing on Urban Violence. Academy of Criminal Justice Sciences meetings, Washington, DC.
- 2000 MacDonald, John, M. The Structural Determinants of Justifiable Citizen Homicides. American Society of Criminology meetings, San Francisco, CA.
- 2000 MacDonald, John, M. (with G. Alpert, A. Gover, A. Piquero, N. Piquero). Police Use of Force: An Analysis of Organizational Characteristics. Southern Criminal Justice Association meetings, Charleston, SC.
- 2000 MacDonald, John, M. (with G. Alpert and S. Walker). Police Use of Force. Academy of Criminal Justice Sciences meetings, New Orleans, LA.
- 1999 MacDonald, John, M. Ethnic Differences in Juvenile Court Outcomes: A Study of Hawaii's Courts. American Society of Criminology meetings, Toronto, November.
- 1999 MacDonald, John, M. Model Comparisons of Juvenile Court Outcomes. American Society of Criminology meetings, Toronto, November.
- 1998 MacDonald, John, M. A Decade of Juvenile Crime in Hawaii: The Role of Ethnicity, Class, Gender, and Geography in the Juvenile Justice Process. American Society of Criminology meetings, Washington, DC, November.
- 1997 MacDonald, John, M. Discretion in the Juvenile Prison System. American Society of Criminology meetings, San Diego, CA, November.
- 1996 MacDonald, John M. (with P. Lattimore, R. Linster, and C. Visser). Count Models of Post-Release Arrests of Youthful Offenders. American Society of Criminology meetings, Chicago, IL.
- 1996 MacDonald, John M. Violence and Drug Use in Juvenile Institutions: A Test of the Deprivation and Importation Theories of Misconduct. American Society of Criminology meetings, Chicago, IL.
- 1995 MacDonald, John M. (with M. Rizzo) American Capital Punishment and Deterrence, an Irreconcilable Marriage? American Society of Criminology meetings, Boston, MA.
- 1995 MacDonald, John M. (with P. Lattimore, R. Linster, and C. Visser) Serious Youthful Offenders: Competing Risks of Death and Recidivism. American Society of Criminology meetings, Boston, MA.

TEACHING
UNIVERSITY OF
PENNSYLVANIA

- 2017 Criminology: *Enrollments 140*
- 2015 Public Management: *Enrollments 25*
- 2012-2017 Seminar in Criminology: *Enrollments 25*
- 2007-2012 Seminar in Criminal Justice: *Enrollments 25*
- 2008-2016 Criminal Justice: *Enrollments 140*
- 2007 Research Methods: *Enrollment 25*
- 2011-2016 Advanced Proseminar in Criminology: *Enrollments 5*

201-2017 Advanced Proseminar in Criminal Justice: *Enrollments 5*
 2007-2009 Independent Study: Policing, Restorative Justice, Ecological Criminology

OTHER
INSTITUTIONS

Criminology, Law and Society
 Community Policing
 Seminar in Criminal Justice
 Juvenile Delinquency
 Treatment and Prevention of Delinquency
 Introductory Statistics

PRE AND POST
DOCTORAL
SUPERVISION

2016 Ben Ukert, Leonard Davis Institute of Health Economics and Epidemiology, University of Pennsylvania
 2013 Shomron Moyal, Lecturer, Institute of Criminology, Hebrew University
 2012 Mikko Aaltonen, Senior Researcher, Adjunct Professor, Institute of Criminology and Legal Policy, University of Helsinki

DISSERTATION
SUPERVISION

2015 Ben Grunwald, Criminology: Duke University
 2014 Seunghoon Han, Criminology: University of Nebraska
 2014 Wendy McClanahan, Criminology: McClanahan Associates
 2012 Matthew Ruther, Demography: Univ of Louisville
 2010 Charlotte Gill, Criminology: George Mason University
 2010 Sued Ejaz Hussain, Criminology: University of Punjab

UNIVERSITY
SERVICE

2008-2013 Undergraduate Chair, Criminology
 2006-2016 Graduate Committee, Criminology
 2007-2012 Premajor Advisor, School of Arts and Sciences
 2013-2016 Faculty Committee, Quattrone Center
 2011-2015 Hearing Panel Member: Student Disciplinary System
 2012-2016 Advisory Board, Division of Public Safety
 2013-2015 Advisory Board, Penn Wharton Public Policy Initiative

SERVICE TO THE
PROFESSION

2009-2012 Program Committee, Association for Public Policy Analysis and Management
 2014-2015 Program Committee, Association for Public Policy Analysis and Management
 2014-2017 Policy Committee, American Society of Criminology
 2017-2018 Executive Counselor, Division of Experimental Criminology
 2012 Program Committee, American Society of Criminology
 2014-2016 Editorial Boards: Journal of Experimental Criminology, Journal of Quantitative Criminology

JOURNAL REFEREE

Advances in Life Course Research, American Economic Journal: Economic Policy, American Journal of Public Health, American Sociological Review, American Journal of Sociology, Crime and Delinquency, Criminology, Demographic Research, Health and Place, Homicide Studies, Injury Prevention, International Review of Law and Economics, Journal of Criminal Law and Criminology, Journal of Criminal Justice, Journal of Experimental Criminology, Journal of Legal Studies, Journal of Policy Analysis and Management, Journal of Quantitative Criminology, Journal of Research in Crime and Delinquency, Justice Quarterly, Landscape and Urban Planning, Preventive Medicine, Social Forces, Social Science Quarterly, Urban Affairs Review, Urban Studies